Claims

[c1] An endshield for an electric motor, said end shield comprising: a body; and a capacitor cover extending radially outward from said body. [c2] An endshield in accordance with Claim 1 wherein said body further comprises at lea one mounting ear extending from said body, said at least one mounting ear having [c3] An endshield in accordance with Claim 1 wherein said capacitor cover comprises a partially spherical wall extending from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further comprises at least one mounting from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further comprises as a least one wall extending from said body and a top extending from said body, said top connects as a least one mounting ear further comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ses a ed to
a capacitor cover extending radially outward from said body. [c2] An endshield in accordance with Claim 1 wherein said body further comprises at lea one mounting ear extending from said body, said at least one mounting ear having [c3] An endshield in accordance with Claim 1 wherein said capacitor cover comprises a partially spherical wall extending from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further comprises wall extending from said body and a top extending from said body, said top connects said wall. [c5] An endshield in accordance with Claim 4 wherein said wall comprises a first wall posteroin extending from said body and at health wall portion, said third wall portion connecting said first wall portion and said second wall portion. [c6] An endshield in accordance with Claim 2 wherein said at least one mounting ear function comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ses a ed to
An endshield in accordance with Claim 1 wherein said body further comprises at lead one mounting ear extending from said body, said at least one mounting ear having [c3] An endshield in accordance with Claim 1 wherein said capacitor cover comprises a partially spherical wall extending from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further comprises a wall extending from said body and a top extending from said body, said top connects said wall. [c5] An endshield in accordance with Claim 4 wherein said wall comprises a first wall postending from said body, a second wall portion extending from said body and a the wall portion, said third wall portion connecting said first wall portion and said second wall portion. [c6] An endshield in accordance with Claim 2 wherein said at least one mounting ear function comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising:	ses a ed to
one mounting ear extending from said body, said at least one mounting ear having An endshield in accordance with Claim 1 wherein said capacitor cover comprises a partially spherical wall extending from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further comprises wall extending from said body and a top extending from said body, said top connects said wall. An endshield in accordance with Claim 4 wherein said wall comprises a first wall postentially extending from said body, a second wall portion extending from said body and at healt portion, said third wall portion connecting said first wall portion and said second wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furtion comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ses a ed to
one mounting ear extending from said body, said at least one mounting ear having An endshield in accordance with Claim 1 wherein said capacitor cover comprises a partially spherical wall extending from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further comprises wall extending from said body and a top extending from said body, said top connects said wall. An endshield in accordance with Claim 4 wherein said wall comprises a first wall postentially extending from said body, a second wall portion extending from said body and at healt portion, said third wall portion connecting said first wall portion and said second wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furtion comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ses a ed to
An endshield in accordance with Claim 1 wherein said capacitor cover comprises a partially spherical wall extending from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further comprises a wall extending from said body and a top extending from said body, said top connects said wall. An endshield in accordance with Claim 4 wherein said wall comprises a first wall portion extending from said body, a second wall portion extending from said body and at healt portion, said third wall portion connecting said first wall portion and said second wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furtion comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ses a ed to ion d
partially spherical wall extending from said body. [c4] An endshield in accordance with Claim 1 wherein said capacitor cover further composate wall extending from said body and a top extending from said body, said top connects said wall. An endshield in accordance with Claim 4 wherein said wall comprises a first wall portent extending from said body, a second wall portion extending from said body and a the wall portion, said third wall portion connecting said first wall portion and said second wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear further comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ed to ion
An endshield in accordance with Claim 1 wherein said capacitor cover further composition wall extending from said body and a top extending from said body, said top connect said wall. An endshield in accordance with Claim 4 wherein said wall comprises a first wall portion extending from said body, a second wall portion extending from said body and a the wall portion, said third wall portion connecting said first wall portion and said second wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furtice comprises a recess sized to receive a fastener. An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ed to ion
wall extending from said body and a top extending from said body, said top connects said wall. An endshield in accordance with Claim 4 wherein said wall comprises a first wall portent extending from said body, a second wall portion extending from said body and a the wall portion, said third wall portion connecting said first wall portion and said second wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear function comprises a recess sized to receive a fastener. An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ed to ion
wall portion, said third wall portion connecting said first wall portion and said secon wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furth comprises a recess sized to receive a fastener. An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ion d
wall portion, said third wall portion connecting said first wall portion and said secon wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furth comprises a recess sized to receive a fastener. An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	·d
wall portion, said third wall portion connecting said first wall portion and said secon wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furth comprises a recess sized to receive a fastener. An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	·d
wall portion, said third wall portion connecting said first wall portion and said secon wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furth comprises a recess sized to receive a fastener. An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	·d
wall portion, said third wall portion connecting said first wall portion and said secon wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furth comprises a recess sized to receive a fastener. An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	
wall portion. An endshield in accordance with Claim 2 wherein said at least one mounting ear furn comprises a recess sized to receive a fastener. [c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	å.
[c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	
[c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	
[c7] An endshield for an electric motor, said end shield comprising: a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	ıer
a body; and at least one mounting ear extending from said body, said at least one mounting ear having a slot.	
at least one mounting ear extending from said body, said at least one mounting ear having a slot.	
having a slot.	
[c8] An endshield in accordance with Claim 7 wherein said at least one mounting ear fur	ıer
comprises an opening extending therethrough and a first side, said slot extending	
through said mounting ear from said opening through said first side.	
[c9] An endshield in accordance with Claim 8 wherein said at least one mounting ear gen	erally
c-shaped.	,
[c10] An endshield in accordance with Claim 7 wherein said endshield comprises a pluralit	
mounting ears each having a slot.	, of

- [c11] An endshield in accordance with Claim 10 wherein said plurality of slots pointing in generally the same radial direction. [c12] An endshield in accordance with Claim 7 wherein said at least one mounting ear further comprises a recess sized to receive a fastener. An endshield for an electric motor, said endshield comprising a body and at least one [c13] mounting ear extending from said body, said at least one mounting ear having a first side and an opening extending through said at least one mounting ear, said at least one mounting ear further comprising a slot extending therethrough from said opening through said first side. An electric motor assembly comprising: a motor housing; a stator mounted in said housing and comprising a bore therethrough, said stator having Ü at least one main winding and at least one auxiliary winding; iji a rotor core rotatably mounted in said housing and extending through said stator bore; a capacitor in series with said auxiliary winding; and 171 an endshield connected to said housing, said endshield comprising a body and at least ļ.£ one mounting ear extending from said body, said at least one mounting ear having a slot. [c15] An electric motor assembly in accordance with Claim 14 wherein said endshield further comprises a capacitor cover extending from said body. [c16] An electric motor assembly in accordance with Claim 15 wherein said capacitor cover comprises a top extending from said body, a first wall portion extending from said body, a second wall portion extending from said body and a third wall portion, said third wall portion connecting said first wall portion and said second wall portion. [c17] An electric motor assembly in accordance with Claim 14 wherein said at least one
- [c18]

 A method of mounting an electric motor assembly to a machine, the electric motor assembly including a motor housing, a capacitor having at least one terminal, and an endshield, the endshield including a body, said method comprising:

mounting ear further comprising an opening extending therethrough and a first side,

said slot extending through said mounting ear from said opening through said first side.

providing a capacitor cover extending from the endshield body; and mounting the endshield to the motor housing such that the capacitor cover covers the at least one capacitor terminal.

A method in accordance with Claim 18 wherein providing a capacitor cover extending from the endshield body further comprises providing a capacitor cover having a top extending from the body, a first wall portion extending from the body, a second wall portion extending from the body, and a third wall portion connecting the first wall portion and the second wall portion.

A method in accordance with Claim 18 wherein the capacitor includes a plurality of wires, said method further comprises mounting the endshield to the motor housing such that the capacitor cover covers the capacitor wires.

A method in accordance with Claim 20 wherein mounting the endshield to the motor housing further comprises mounting the endshield to the motor housing such that the terminals and wires are covered and within UL requirements.

[c20]

Tc21]